

THE BUILDING RECORD FOR 1887.

ATLIER, ONT.—This town expended \$87,200 in new buildings last year.

PERTH, ONT.—59 new buildings were erected here last year at a cost of \$81,525.

TILSONBURG, ONT.—Tilsonburg expended about \$75,000 in new buildings last year, and the indications are that that amount will be exceeded next season.

WOODSTOCK, ONT.—About \$350,000 was spent in new buildings last year, notable amongst which are the new hall of Woodstock College, the new furniture factory of James Hay & Co., and a couple of organ factories.

BELLEVEILLE, ONT.—About \$150,000 was expended in new buildings last year and \$100,000 on water works construction.

SMITH'S FALLS, ONT.—The citizens of the town and the Canada Pacific Railway Company expended in new buildings last year \$187,000.

BRANTFORD, ONT.—This city spent \$500,000 in new buildings in the year 1887.

PETERBOROUGH, ONT.—The value of the new buildings erected in Peterborough last year is estimated at \$200,000.

WATERLOO, ONT.—The building operations in this town last year involved the expenditure of \$101,500.

MONCTON, N. B.—The total amount spent in building during 1887 was \$70,000, including \$9,000 on church extension and improvements, \$12,000 on new railway shops and \$7,000 on the basement of the new Roman Catholic church, to cost, when completed, \$40,000.

HALIFAX, N. S.—The growth of this city is indicated by the fact that new buildings valued at \$750,000 were erected during the year just closed. Among the most prominent of these are new city hall, Dalhousie university, a ladies' college, a sailors' home, two or three churches, and quite a number of stores and dwelling houses.

STRATFORD, ONT.—\$450,000 was spent in erecting new buildings last year, of this sum \$200,000 was expended by the G. T. R. Co., on their new shops. The new comb house and jail cost \$96,000, and new high school and brewery \$100,000 each.

Following are the permits for buildings costing \$1,000 and over issued by the Building Inspector, Toronto, during the year 1887:

W. T. Sym, ad. and alterations at 131 Church St., \$2,000; J. D. Nasmith, bk. alterations and ad. to store, s. w. cor. Jarvis and Adelaide, \$2,500; J. Wanless, a storey bk. ad. alterations to store, s. w. cor. Yonge and Queen Sts., \$16,000; Donato Ginnini, a storey r. c. bk. front dwell., 265 Eglar St., \$500; Geo. Welch, a two story r. c. bk. front dwell., s. Maitland St., \$1,500; C. Gilbert, two a storey r. c. bk. front dwell., Mutual St., \$1,500; R. Hibbit, three attached r. c. bk. front dwell., Parliament St., \$2,400; Mr. Falkner, two s. d. a storey r. c. bk. front dwell., s. Parliament St., \$2,400; A. Little, 3 attached 3 story bk. dwell., Saddle Ave., G. Kerr, alteration and ad. to 255 and 261 Simcoe St., \$1,000; Thos. Burns, erection and alteration n. w. cor. King and Parl. Sts., \$1,800; R. Thompson, two s. d. bk. dwell., Mr. Calhoun, three attached a storey bk. stores, n. e. cor. Spad. Ave. and Carr Lane, \$800; H. L. Lear, bk. ad. to 15 and 17 Richmond W., \$400; W. L. Williams, three pairs s. d. a storey bk. dwell., on Dovercourt Rd. \$14,400; Messrs. Rolston, two s. d. a storey and attic bk. dwell., College St., \$500; R. H. Gray, one storey bk. ad. to 8 Queen W., \$350; Alex. Barnes, alteration to 9 and 11 Buchanan St., \$1,200; Thos. Douglas, seven attached a storey r. c. dwell., cor. Orde and Murray \$800; Ald. Baxter, three r. c. a storey dwell., n. e. cor. Vannaley and St. Andrew St., \$400; Langley & Langley, a storey bk. Mission Church, cor. Edward and Price Ave., \$200; W. J. Harris, J., 3 story r. c. factory in rear of 17 and 19 William St., \$1,500; J. Thompson, a storey bk. ad. rear of Winston Chas. & Co., E. Nelson, 1 1/2 story bk. stable e. s. St. George St., \$1,400; I. Hewitt, a storey r. c. dwell., 154 Seaton St., \$1,000; Dr. Wagner, alterations 7 Gerrard E., \$150; F. Clements, seven attached a storey and attic r. c. dwell., e. s. Major St., \$840; J. J. Lucas, r. c. ad. to cor. Teruley and Louisa, \$2,700; Mr. McDunne, one pair s. d. a storey r. c. dwell., rear 66 and 68 Beverly St., \$200; Catharine C. Howard, alterations and ad. cor. Wellington and Peter St., \$900; Cook's Church, alterations and ad. \$11,000; J. W. Brown, s. e. store and dwell., Bathurst St., \$250; Mr. Parker, pair s. d. a storey and mansard bk. dwell., Boswell Ave., \$400; Geo. Gray, pair s. bk. dwell., Richmond St. W., \$400; H. Garde, pair s. s. d. a bk. fronted dwell., Hurley St., \$1,800; W. B. Capron, 2 storey r. c. dwell., Bleeker Pl., \$300; W. H. Stonehouse, pair s. d. bk. dwell., Dovercourt Rd., \$900; J. Hofland, 1 story bk. ad. 261 and 266 Church St., \$1,500; R. P. Spencer, ad. and alterations cor. Markham and Colby Sts., \$1,500; G. Proctor, a storey bk. factory, Pearl St., \$800; Thos. Palmer, a storey and attic bk. dwell., Huron St., \$230; Jas. Gould, 2 story and attic bk. dwell., Rosedale Ave., \$400; Girs' Institute, cor. Shepherd and Richmond Sts., \$400; Geo. W. Miller, a storey and attic r. c. bk. eased dwell., Elizabeth St., \$1,500; J. Murry, a storey and attic bk. dwell., Lowrie Ave., \$300; R. Millicamp, a storey and attic bk. dwell., Queen's Park, \$700; A. C. Babin, pair s. d. bk. dwell., Hope St., \$250; P. A. Campbell, 1 story bk. ad. Richmond St. W., \$1,400; T. Sullivan, 3 story bk. shop, Alton St., \$250; A. Mitchell, five attached a storey and mansard bk. dwell., Grange Ave., 17,500; Cobban Mfg. Co., ad. to factory, cor. Hayter and Teruley Sts., \$1,800; W. Kendrew, 2 story ad. at 506 and 508 Yonge St., \$1,000;

Messrs. Bradley & Crossman, bk. stone and glass con., s. e. cor. Spadina Ave. and Phoebe St., \$1,000; John Fraser, three a storey bk. dwell., University St., \$500; Jos. Walker, 3 story bk. and r. c. dwell., n. s. Alice St., \$370; A. Harvad, two story bk. stores, n. e. Queen St., \$700; Thos. Webb, two 3 story bk. stores, also ad. to store cor. Yonge and Agnes Sts., \$500; T. Thompson & Sons, 3 story bk. store, 135 King St. E., \$900; S. R. Clarke, 4 bk. stables in rear of stores, cor. Augusta Ave. and College St., \$1,000; W. Fringle, r. c. e. stable, Rose Ave., in rear of Stephenson House on Parliament St.; W. F. Rogers, pr. s. d. a storey bk. dwell., Sussex Ave., \$400; T. R. Williams, a storey bk. ad. n. e. cor. Queen and William Sts., \$1,000; Bishop Strachan School, 3 story bk. ad., \$800; St. Simon's Church, Brick Church, Huron St., \$800; Geo. McConkey, bk. ad. to 11 Temperance St., \$1,000; W. Adams, semi-detached r. c. houses, cor. Sarah and Belmont Sts., \$1,500; W. Adams, 8 r. c. houses, cor. McArthur and Belmont Sts., \$640; W. H. Clendinning, boat house Esplanade, \$600; W. H. Stonehouse, 6 pr. s. d. a storey bk. front houses, McPherson Ave., \$1,600 each; W. H. Robinson, a storey res., Concord Ave., \$1,600; T. Hurst & Son, pr. s. d. a storey attached r. c. dwell., Darling Ave., \$1,400; W. McFintosh, 3 attached a storey dwell., s. s. Water St., \$280; Brown & Lowe, gal. iron, 2 story work shop, Esplanade St., \$1,500; Thos. Pedlow, two a storey r. c. dwell., Ontario St., \$1,000; Mrs. Robinson, two 3 story attached bk. dwell., 6 and 8 Edward St., \$280; R. W. Abel, 2 attached bk. fronted stores, 221 Parliament St., \$300; H. J. Brown, 2 s. d. bk. houses, Gwynne St., \$600; W. S. Thompson, 2 d. bk. houses Gloucester St., \$1,200; W. L. Thompson, 11 attached 3 story bk. stores, Spadina Ave., \$350; W. S. Thompson, bk. offices, Adelaide St. E., \$2,000; Jos. Duggins, 4 n. a storey r. c. dwell., s. s. Chestnut St., \$400; E. Hewitt, seven a storey a. bk. dwell., Carlton Ave., \$1,100; E. Hewitt, pr. s. d. a storey bk. houses, James St., \$1,200; E. Hewitt, 3 pr. s. d. a storey bk. houses, Sherbourne St., \$4,000; C. S. Williams, 3 n. a storey bk. stores, Centre St.; Lord Seavoy Co. Ltd., 2 story a. bk. warehouses, cor. Bay and Esplanade Sts., \$50,000; J. Elliott, 3 story and attic bk. ad. to hotel s. e. cor. Church and Shuter, \$15,000; Consumers Gas Co., a storey bk. rent house s. e. cor. Berkley and Front, \$60,000, also a storey purifying house s. w. Berkley and Front, \$40,000; J. Dickie, six a storey attached r. c. dwell., e. s. Berkley St., \$750; W. Gooderham, 3 story bk. Institute, \$800; J. Hocking, three 2 story r. c. dwell., cor. D'Arey and Huron, \$350; J. B. Bastedo, two a storey r. c. houses n. w. cor. Huron and St. Patrick, \$380; C. R. Peterkin ad. to factory cor. Bay and Temperance, \$300; G. M. Miller, 3 story warehouse n. s. Richmond, \$800; C. R. Rundle and B. J. Hill, a stone and bk. houses, Sherbourne St., \$10,000; D. Richards, 2 pr. s. d. houses, Major St., \$18,000; Geo. Pepper, eleven 2 story and attic bk. dwell., w. s. Spadina Ave., \$50,000; Geo. Pepper, ten a storey and attic bk. dwell., w. s. St. George, \$60,000; Geo. Pepper, one a storey bk. coach house, St. George St., \$300; R. Armstrong, 6 d. a storey and attic bk. dwell., cor. George and Gerrard Sts., \$19,000; W. S. Thompson, 11 d. stores e. side Spadina Ave., \$30,000; Mrs. Morrison, bk. dwell., Beverly St., \$500; Thos. Land Iron Co., 2 a storey bk. stores, s. s. Yonge, \$25,000; J. O'Malley, two a storey a. stores 160 x 162, Queen W., \$20,000; G. G. Dermot, 3 bk. front man. row dwell., rear of 27 and 28 Maitland St., \$280; J. Thompson, 2 n. a 3 story bk. stores e. s. Yonge St., \$11,000; Mrs. Emily Stone, 3 story bk. residence, 113 Church St., \$900; H. Hutchinson, bk. res. 2 story, 281 Sherbourne St., \$400; J. Cooper, a storey store and dwell., 84 Davenport Rd., \$400; R. Jones, a storey r. c. dwell., 167 University St., \$1,000; J. Thompson, 3 n. a storey r. c. dwell., 169 and 171 Seaton St., \$450; E. Henderson bk. ad. to dwell., St. Joseph St., \$13,000; G. Thompson, a storey r. c. dwell., Homewood Ave., \$1,000; B. Pickering, 2 story bk. dwell., Berryman St., \$1,000; R. G. Brookes, a storey and attic bk. n. e. cor. Jarvis and Isabella Sts., \$16,000; T. W. Field, pr. s. d. bk. dwell., also a storey bk. dwell., \$600; G. Wright, pr. s. d. bk. dwell., \$500; Mrs. Hope, a storey r. c. dwell., Duell St., \$1,100; P. F. Appleton, 5 n. a storey r. c. dwell., s. s. McPherson Ave., \$400; C. R. S. Dinnick, 5 pr. s. d. and r. d. a storey bk. dwell., w. s. Brunswick Ave., \$51,000; Mrs. I. Johnston, bk. store, n. s. Grosse Pointe Ave., \$500; T. H. Palm, alteration to dwell., 63 Yorkville Ave., \$200; A. Morrison, alteration to dwell., 176 St. George St., \$200; J. Lamb, 3 n. a 3 story bk. stores, cor. Queen and Sherbourne, \$28,000; H. Elliott, pr. s. d. bk. dwell., Wellesley St., \$900; A. Jaffray, 3 story bk. store, w. s. Yonge near College, \$600; D. Carlyle, s. d. a storey bk. dwell., \$150; E. A. Levan, a storey bk. dwell., s. s. Linden St., \$400; W. Nesbitt, alteration to dwell., cor. St. Vincent and Gros., \$300; Mr. Hubbard, 3 story bk. store n. w. cor. Soho and Queen, \$500; T. Walker, 1 storey bk. blacksmith shop, George St., \$500; J. Burgess, pr. s. d. a storey r. c. dwell., e. s. Ontario St., \$230; I. Fletcher, two 3 story stores, 266 Yonge \$600; Geo. Davis, pr. s. d. a storey bk. dwell., e. s. Gros. St., \$200; G. P. Sharpe, a storey bk. store, 108 York St., \$450; G. W. L. Shaw, a storey bk. dwell., w. s. Gwynne St., \$280; R. S. Williams, alteration to 143 Yonge St., \$500; J. Robertson, a storey bk. ad. to cor. John and Mercer, \$400; Mrs. Swain, pr. s. d. a storey bk. dwell., Hayden St., \$700; J. W. Bowden, 4 n. a storey r. c. dwell., Winchester Ave., \$500; J. W. Bowden, a storey bk. ad. to 28 Winchester Ave., \$1,000; Mrs. J. Lister, bk. ad. to dwell., cor. Dalhousie and Wilton Ave., \$350; Mr. Davis, 2 bk. front dwell., e. s. Ontario, \$280; G. McKibbin, pr. s. d. a storey and attic, w. s. McCaul \$500; Mrs. Lawlor, a storey r. c. dwell., 66 Wilm St., \$1350; J. Hewlett, d. a storey and attic bk. dwell., Sherbourne St., \$350; J. Hewlett, pr. s. d. a storey and attic m. a. Isabella St., \$17,000; W. Bonnell, one story brick warehouse, 84 Bay Street, \$500; Geo. Anderson, warehouse, Esplanade and Sherbourne, \$250; F. I. Phillips, a storey bk. dwell., e. s. Queen's Park, \$900; R. Thill, r. c. a storey dwell., Birch Ave., \$1,600; Mr. Behune, a storey bk. stable, College Ave., \$250; Geo. Acheson, a storey and attic bk. dwell., s. w. cor. College and McCaul, \$600; Col. Twemp, 2 story and attic bk. dwell., n. w. cor. Bloor and George, \$30,000; E. Parker, 2 s. d. a storey dwell., \$800; T. M. Chaston, 3 story bk. store, cor. Huron and Sussex, \$1,500; E. Davis, 2 house ren. front, Birch Ave., \$1,500; C. L. Van Warner, stables, College Ave., \$300; J. Sniger, man. roof s. e.

cor. Queen and York, \$1,100; G. Vokes, one a storey bk. dwell., Manning Ave., \$200; R. Dinnis & Son, 3 story bk. factory, cor. Anderson and William, \$300; Cap. Hooper, dwell., Rosedale, \$500; J. Carlow, alteration, to 256 Yonge St., \$1,000; Keith & Fitzsimmons, a storey bk. ad. 109 King W., \$1,000.

CANADIAN SOCIETY OF CIVIL ENGINEERS.

THE first annual meeting of the above Society was held in Montreal on the 12th inst., being presided over by the President, Mr. F. C. Keefer, C.M.G., of Ottawa. The following gentlemen were elected to official positions for the ensuing year: President, Mr. Samuel Keefer, Brockville; Vice-Presidents, Col. C. S. Growski, Toronto, Mr. E. P. Hannaford, Montreal, and Mr. H. F. Perley, Ottawa; Treasurer, Mr. H. Wallace, Montreal; Secretary, Mr. H. T. Bovey, Montreal; Members of the Council, Messrs. H. Abbott, Port Moody, B.C.; F. R. F. Brown, Montreal; F. N. Gilmour, Ontario; J. Holson, Hamilton; W. T. Jennings, London; J. Kennedy, Montreal; L. Lesage, Montreal; A. Macdougall, Toronto; H. A. F. McLeod, Ottawa; M. Murphy, Halifax, N.S.; P. A. Peterson, Montreal; H. S. Pool, Sackville, N.S.; H. N. Ruitan, Winnipeg; P. W. St. George, Montreal; C. Schreiber, Ottawa.

A perusal of the Secretary's annual report shows the Society to be in a prosperous condition. The Society was granted incorporation in June, 1887, and already has a membership of 423. The death of three members is recorded during the year viz., Messrs. H. W. Keefe, T. Guerin and T. W. Harrington.

The volume of transactions for the year 1887 contains the following papers, which were read and discussed at thirteen ordinary meetings of the Society, and it is pleasing to notice that, so far, the discussions have been of the widest character:—On "Frail Ice," by Mr. G. H. Henshaw; on the "Canadian Pacific Railway Grain Elevators," by Mr. S. Howard; on the "Foundations of the St. Lawrence Bridge," by Mr. G. H. Massey; on the "Superstructure of the St. Lawrence Bridge," by Mr. J. W. Schaub; on the "Warming, Ventilating and Lighting of Railway Cars," by Mr. J. D. Barnett; on the "Construction of a Guard Lock," by Mr. L. N. Rheume; on "Snow Slides in the Selkirk Mountains," by Mr. G. C. Cunningham; on "Petroleum as Fuel," by Mr. M. Clement; on the "Works on the River Missouai, at St. Joseph," by Mr. H. H. Killy; and on the "Quebec Harbor Improvements," by Mr. St. G. Bovey; "Water Purification," by Professor Leeds; and on the "Necessity of a School of Arts for the Dominion," by Mr. C. Ballinger.

Only one student's meeting has yet been held, but the Council hopes to see considerable development in this department by the establishment of regular students' meetings, thus awakening the interest of the younger members of the profession, on whom must ultimately depend the status and strength of the Society.

An effort will be made to have branches of the Society formed at suitable centers throughout the Dominion.

Nearly two miles of asphalt pavement were laid in Brantford last year.

A new iron bridge is being erected over the Desjardins Canal on the Grand Trunk railway.

The new international bridge at Sault Ste. Marie will be opened for traffic in a day or two.

A temporary levee against the floods has been completed in Montreal at a cost of \$40,000.

The town of Chatham is considering the best means to adopt for supplying the citizens with pure water.

Messrs. Parson & Duncan, have made extensive alterations and additions to their tannery, at Beaverton, Ont.

The snow sheds in the mountain section of the Canadian Pacific are of an aggregate length of seven miles.

The Government is building a new break water 3,600 feet long at Port Arthur, the cost of which will be \$350,000.

Operations on the Milton waterworks have been discontinued until the spring. The reservoir is about completed.

The recommendation has been made that a building society should be organized at Vancouver, British Columbia.

A handsome church has been erected for the Episcopalians of East Hamilton, Ont., by contractor Ferdinand Slater, of Watford.

Mr. Beemer, the wealthy railroad contractor is said to have subscribed half a million dollars towards the erection of a bridge between Quebec and Lewis.

The new submarine waterworks tunnel under the lake at Chicago will cost \$748,000. The tunnel will be eight feet in diameter, and will extend a distance of four miles.

The feasibility of allowing the Niagara Central railway to build another bridge across the Desjardins Canal at Hamilton is occupying the attention of the Privy Council.

President Tyler of the Grand Trunk Railway Company, estimates the cost of the St. Clair tunnel at \$486,000. The company expect to save £10,000 a year in transportation of freight and passengers by means of this tunnel.